## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.   | DATE    |  |  |  |  |  |
|---------------------------|----------|----------|---------|--|--|--|--|--|
| FEE DETERMINATION         |          |          |         |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          |          | 1 1     |  |  |  |  |  |
| FORMALITY REVIEW          |          | 11622    | 2/10/01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          | <u> </u> | 7-7-1   |  |  |  |  |  |

## **INDEX OF CLAIMS**

| Rejected                                       | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

|          |             |             |          |               |          | ÷  |            |              | ••••         |          | •••••         | ••••• | F        | Rest     | ricte    | d            |           |              | 0                                      | •••            |  |                 |          | •••••    | ••••            | Obje     | ecte         | t  |          |          |          |                 |          |                     |          |
|----------|-------------|-------------|----------|---------------|----------|--|------------|--------------|--------------|----------|---------------|-------|----------|----------|----------|--------------|-----------|--------------|--|----------------|--|-----------------|----------|----------|-----------------|----------|--------------|--|----------|----------|----------|-----------------|----------|---------------------|----------|
| CI       | aim         |             |          |               |          |  |            | Claim        |              |          |               |       |          |          | ate      |              | _         |              |  | Claim          |  |                 |          |          | Date            |          |              |  |          |          |          |                 |          |                     |          |
| Final    | Original    | 6/25/0)     | 10/4/1   | 7/8/62        | 20/11    |  | 3/27/63    | 7/29/63      |              |          |               |       | Final    | Original |          | Ì            |           |              |  |                |  |                 |          |          | Tinal           | Original |              |  |          |          |          |                 |          |                     |          |
| F        | Č           |             | V        | V             | V        | 1  | V          | 1            |              |          | İ             |       |          | 51       |          | 1            |           |              | T                                      | T              |  |                 | ]        | Ė        |                 | 01       |              | T  |          |          | _        |                 | П        | <u> </u>            | _        |
|          | . 2         | _           | V        | 1             | 0        | 1  | V          | 1            |              | L        |               |       |          | 52       | 4        | 1            | _         | 1            | <u> </u>                               | <u> </u>       | <u> </u>   | $\sqcup$        | 4        |          |                 | 02       | <u> </u>     | L  | L        |          |          |                 |          |                     | _        |
| -        | 13          | 1           | 1        | V             | V        | H  | V          | 7            | ╀            | L        | <u> </u>      |       |          | 53<br>54 | +        | +            | 4         | +            | ╀                                      | <del> </del> — | ⊢  | - -             | 4        | -        |                 | 03<br>04 | ┼            | ╀  | -        |          | ļ.       | Ш               | Ш        | $\vdash \downarrow$ |          |
| $\vdash$ | H           | V           | 1        | 1             | -        | H  | ╁          | ┢            | $\vdash$     | -        | $\vdash$      |       |          | 55       | +        | +            | +         | +            | ╁                                      | $\vdash$       | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\vdash$ | _               | 05       | +-           |  | ├        |          | -        | $\vdash$        | Н        | ┌╌┼                 |          |
|          | H           | V           | 1.       | H             | ╁        | Н  |            | T            | 1            |          |               |       |          | 56       | $\top$   | $\dagger$    | ╅         | $^{\dagger}$ | T                                      | T              | <del>                                     </del> | H               | $\dashv$ | H        |                 | 06       | $\dagger$    | 十  | $\vdash$ | -        | $\vdash$ | Н               |          | П                   | _;       |
|          | 1           | IV          |          |               |          |  | ĺ          |              |              |          |               |       |          | 57       |          | 1            |           | L            |  |                |  |                 |          |          | 1               | 07       |              |  |          |          |          |                 |          | $\sqcap$            |          |
| 1        | . 8         | <b>→×</b> — | 1        | V             | 1        |  | 1/         | -/           |              | L        |               |       |          | 58       | 4        | 4            | 4         | ┸            | _                                      | L              |  |                 | 4        | Ļ        | <del>-</del> i- | 08       | 1_           | _  | _        |          |          |                 |          |                     | _        |
| -        | <u>_9</u>   | +-          | V        | 1             | V        | H  | - 1        | 1/           | <u> </u>     | -        |               |       | _        | 59       | +        | -            |           | ╀            | ╁                                      | _              | L  | $\vdash$        | 4        | $\vdash$ | -               | 09       | +            | -  |          | <u> </u> |          | $\square$       |          | $\dashv$            |          |
|          | 10          |             | 1        | 1             | <i>V</i> | H  | V          | H            | $\vdash$     | -        | -             |       | ᅱ        | 60<br>61 |          | +            | +         |              |  | ╁              | -  |                 | $\dashv$ | -        |                 | 10<br>11 | +            | ⊢  | -        | -        | -        | Н               |          | ┝┼                  | _        |
| ŀ        | 12          |             | 1        | 1             | 1        | ┨  | V          | H            | H            | H        | H             |       | $\neg$   | 62       | +        | +            | ╁         | ╁            | +                                      | $\vdash$       |  |                 | ┪        | $\vdash$ | _               | 12       | +-           | ┼-   |          | H        | Н        | H               | Н        | $\dashv$            | -        |
| ۲        | 13          |             | 1        | J             | 1        | Ħ  | V          | 11           |              |          | Н             |       | _        | 63       | _        | <u></u>      | 1         | T            |  |                |  |                 |          | F        | _               | 13       | 1            |  |          | П        | П        | П               |          | $\dashv$            | $\neg$   |
|          | 14          | -           | V        | V             | V        |  | V          | 1            |              |          |               |       |          | 64       |          |              |           |              |  |                |  | П               | ]        |          | _               | 14       |              |  |          |          |          |                 |          |                     |          |
|          | 15          |             | 1        | 1             | <u>/</u> | Ц  | 1          | 11           | <u> </u>     | _        | Ш             |       | _        | 65       | _        | ┵            | _         | ╄            | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>       |  | <u> </u>        | _        | L        | _               | 15       | 1            |  | L        |          | Ш        | Ш               | Щ        | $\dashv$            |          |
|          | 16          |             | 1        | 1             | V        | Ш  | 1          | Н            | <del> </del> | <u> </u> | Н             |       |          | 66<br>67 | $\perp$  | +            | -         | ╁.           | ╄                                      | <u> </u>       | _  | $\vdash \vdash$ | 4        | <u> </u> |                 | 16<br>17 | +            |  | -        |          | Н        | Н               | $\vdash$ | $\dashv$            | _        |
| 1        | 18          | 1           | -        | $\vdash$      | -        | Н  | Ψ,         | Н            | -            | -        |               | ŀ     |          | 68       | +        | +            | +         | ╁            | ╁                                      | -              | Н  |                 | -        | $\vdash$ |                 | 18       | ╁            | ┢  | $\vdash$ | _        | $\vdash$ | $\vdash$        | $\vdash$ | $\dashv$            | ᅱ        |
|          | 19          |             |          | H             |          | H  | 1          | 1            | $\vdash$     |          | Н             | ŀ     |          | 69       | +        | +            | +         | ╁            | ╁                                      | -              | H  | H               | -        | $\vdash$ | _               | 19       | +            |  | H        |          |          |                 |          | $\vdash$            | ᅥ        |
| Ì        | 20          |             | 1        |               |          | 1  |            | 1            | <u> </u>     | 1        | Н             | Ì     |          | 70       | _        | +            | +         | ✝            | †                                      | <del> </del>   |  |                 | ٦.       |          |                 | 20       | ╁            | $\vdash$   | ┢        |          | П        | П               | $\Box$   | $\Box$              | $\neg$   |
|          | 21          |             | -        | <del> </del>  | _        | t  | 1          | 1            | T            | T        | П             |       |          | 71       |          | 1            | 1         | †            | †                                      | -              |  |                 | 7        | 4        |                 | 21       | +-           | <del>                                     </del> | _        |          | П        | П               | П        |                     |          |
| l        | 22          |             |          |               |          |  |            |              | <u> </u>     |          |               |       |          | 72       |          |              | 工         |              |  |                |  |                 |          |          |                 | 22       |              |  |          |          |          |                 |          | $\Box$              |          |
|          | 23          |             | _        |               | L        | Ш  | racksquare | Щ            |              | L        | Ш             | ]     |          | 73       | 1        | 4.           | _         | _            | _                                      | _              | Ц  | $oxed{oxed}$    | _        | <u>_</u> | _               | 23       | 1            | L  | Ĺ        | į        | Ш        | Ш               | Ц        | <b>⊢-</b> ∔         |          |
| : J'     | 24          | -           | -        | -             | _        | Щ  | 1          | H            | <u> </u>     | -        |               | -     | $\dashv$ | 74<br>75 | +        | +            | +         | +            | $\vdash$                               | _              |  |                 | -        | $\vdash$ | _               | 24       | -            | H  | L        |          | Н        | Н               | $\vdash$ |                     | _        |
|          | 25<br>26    |             | -        | <del> -</del> |          | ╢  | 4          |              | ╁            | -        | $\vdash$      | ŀ     |          | 76       | +        | +            | +         | ┼            | ┼                                      | -              | -  |                 | $\dashv$ | -        |                 | 25<br>26 | ╁            | -  | H        |          | Н        | $\vdash$        | $\vdash$ | _                   | _        |
| }        | 27          |             | ┢        | -             | $\vdash$ | 1  | V          | 7            | ┢            | $\vdash$ | $\vdash$      | ł     |          | 77       | +        | +-           | +-        | +            | -                                      | -              |  | -               | ┥        | $\vdash$ |                 | 27       | +            |  |          | _        | Н        | H               |          | $\dashv$            | _        |
| 1        | 28          | -           | -        | -             | -        | 1  | -          | Ť            | -            | $\vdash$ | H             | Ì     |          | 78       | +        | +            | +         | +-           | 1                                      | $\vdash$       |  |                 | 1        | $\vdash$ |                 | 28       | ┪            |  | Ι.       |          |          | $\Box$          | $\sqcap$ |                     |          |
|          | 29          |             |          |               |          |  |            |              |              |          |               | İ     |          | 79       |          |              |           |              |  |                |  |                 | _        |          | 1:              | 29       |              |  |          |          |          |                 |          | I                   |          |
|          | 30          |             |          |               |          |  | $\Box$     |              |              |          |               |       |          | 80       |          | $\perp$      |           | 1_           |  |                |  |                 |          |          | -               | 30       |              |  |          |          | Ш        |                 |          | Ц                   |          |
| <u> </u> | 31          |             | _        | L             |          | _  | ↓_         | _            |              | _        |               |       | _        | 81       | $\perp$  | $\downarrow$ | 4         | ╀            | _                                      |                |  |                 | 4        | $\perp$  |                 | 31       | ↓            | _  | _        |          | Н        |                 |          | $\vdash$            | -        |
| -        | 32          |             | _        | -             | _        | -  | ┼          | <del> </del> | ⊢            | -        | $\vdash$      | }     |          | 82<br>83 | +        | +            | +         | ╀            | -                                      |                |  |                 | ╣        | $\vdash$ | -               | 32       |              | -  | -        |          | $\vdash$ | $\vdash$        | $\vdash$ | $\dashv$            |          |
| -        | 34          | _           | -        | $\vdash$      | -        | -  | $\vdash$   | -            | $\vdash$     | -        | $\vdash$      | ŀ     | _        | 84       | +        | +            | +         | +            | $\vdash$                               | H              | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$ | -               | 33<br>34 | +-           | -  | $\vdash$ |          | Н        | H               |          | 一                   | $\dashv$ |
|          | 35          | 1           | H        | T             | $\vdash$ | Т  | 1          | _            | T            | $\vdash$ | $\vdash$      | Ì     |          | 85       | $\vdash$ | +            | $\dagger$ | +            | t                                      |                | H  | $\vdash$        | ┪        |          |                 | 35       | 1            |  | Г        | -        |          |                 |          |                     |          |
|          | 36          |             |          |               |          |  |            | ٠,           |              |          |               | ĺ     |          | 86       |          | I            |           |              |  |                |  |                 |          |          | 1               | 36       | $oxed{\Box}$ |  |          |          |          |                 |          | $\Box$              |          |
|          | 37          |             |          |               |          | 匚  |            |              |              |          | П             |       | 1        | 87       |          | I            | $\perp$   |              |  |                |  | $\perp$         | 7        |          |                 | 37       |              | 匚  |          |          | Щ        | Ц               | Ц        |                     | _        |
| $\vdash$ | 38          | 1           | <u> </u> | _             | _        | _  | _          | ļ            | _            | _        | Ц             |       |          | 88       |          | +            | 4         | -            | _                                      | _              | Щ  | - -             | 4        | _        | _               | 38       |              | <u> </u>   | <u> </u> |          | Щ        | $\vdash \vdash$ | $\vdash$ | $\dashv$            | -        |
| $\vdash$ | 39<br>40    | _           | -        | -             |          | -  | ┼-         |              | <del> </del> | -        | $\vdash$      | }     |          | 90       | +        | +            | +         | $\vdash$     | -                                      | H              | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$ | -               | 39       | ┼-           | $\vdash$   | $\vdash$ | $\dashv$ | Н        | $\vdash$        | $\dashv$ | $\dashv$            | -        |
| $\vdash$ | 41          |             | -        |               | -        |  | ┼          | -            | -            | -        | Н             | }     |          | 91       | +        | ╀            | +         | ╀            | -                                      | $\vdash$       | $\dashv$   | $\vdash$        | $\dashv$ | $\vdash$ |                 | 40<br>41 | ┼            | -  | $\vdash$ | $\dashv$ | $\vdash$ | ┝┤              | $\vdash$ | ┌┼                  | ㅓ        |
| -        | 42          |             | $\vdash$ | -             | -        | -  | +-         | -            | -            | -        | $\vdash$      | ł     |          | 92       | +        | +            | +         | +            | +                                      | $\vdash$       | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$ |                 | 42       | ╁╌           | -  |          |          |          | Н               | $\dashv$ | _                   | ᅥ        |
| $\vdash$ | 43          |             | $\vdash$ | $\vdash$      | -        | <del>                                     </del> | $\vdash$   | 1            | $\vdash$     | H        | H             | ł     |          | 93       | - -      | $^{\dagger}$ | $\top$    | $\dagger$    | <del> </del>                           |                | $\vdash$   | -               | 1        | -        |                 | 43       | $\dagger$    | П  | -        | Н        | $\sqcap$ | П               | $\Box$   |                     |          |
|          | 44          |             |          |               |          |  |            |              |              |          |               |       |          | 94       |          | 1            |           |              | L                                      |                |  |                 |          |          | 1               | 44       |              |  |          |          |          |                 |          | $\square$           | $\Box$   |
|          | 45          | L           |          |               |          |  |            |              |              |          |               |       |          | 95       | 工        | T            | T         |              |  |                |  |                 | 7        |          | _               | 45       |              |  |          |          |          |                 | Д        | <u> </u>            | 4        |
|          | 46          | 1           | _        | L             |          | L  | _          | <u>L</u>     | $\vdash$     | <u> </u> | Ц             | ļ     |          | 96       | $\bot$   | $\perp$      | $\perp$   | $\perp$      | $\vdash$                               | _              | Ц  | $\sqcup$        | 4        | $\perp$  |                 | 46       | 1_           | <u> </u>   |          | Щ        | Щ        | $\vdash$        | ┥        | -                   | $\dashv$ |
| $\vdash$ | 47          |             | _        | _             | <u> </u> | <u> </u>   | -          | _            | $\vdash$     | <u> </u> | $\vdash \mid$ |       |          | 97<br>98 |          | +            | -         | ╀            | ⊢                                      | H              | -  | - -             | 4        | -        |                 | 47       | -            |  | _        | -        | $\vdash$ | $\vdash$        |          | $\dashv$            | ᅱ        |
| $\vdash$ | 48<br>49    | -           | -        | -             | -        |  | -          | -            | ╁            | -        | Н             | }     |          | 98       | +-       | +            | +         | $\vdash$     | -                                      | -              | $\dashv$   | $\vdash$        | $\dashv$ | -        |                 | 48       | +            | $\vdash$   | ┝        | Н        | Н        | ┟╌┤             | Н        | $\dashv$            | ┨        |
| -        | 50          |             | -        |               | $\vdash$ | -  | +          | $\vdash$     | $\vdash$     | $\vdash$ | H             | ł     |          | 100      | +        | +            | +         | +-           | $\vdash$                               | $\vdash$       | Н  | $\vdash$        | 1        | ۲        | SŲ.             | 20 ×     | ╁╴           | -  | -        | Н        |          |                 |          | 二                   | ゴ        |
| ш        | <u>, ~~</u> | _           | ٠        | Ь—            | Ь—       | Щ.   |            |              |              |          |               | ı.    | 1        |          |          | ٠.           |           |              |  |                | ئـــا  |                 | _        | _        | -1-             | 4        | 4            |  |          |          |          |                 |          |                     |          |

If more than 150 claims or 10 actions staple additional sheet here